

APPARATUS AND METHODS FOR PROVIDING COMMUNICATION BETWEEN SYSTEMS HAVING DIFFERENT PROTOCOL VERSIONS

ABSTRACT OF THE DISCLOSURE

A system for enabling an IPv4 (Internet Protocol version 4) application to communicate across a computer network with an IPv6 (Internet Protocol version 6) system is disclosed. The system includes a computing device and executable instructions. Executable instructions are configured to make a function call to an IPv4 socket Application Programming Interface (API). The instructions translate the function call to a translated function call wherein the translated function call uses raw sockets. Another function call is made to the IPv4 socket API for the translated function call that uses raw sockets. A packet is passed to an IPv4 stack.

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